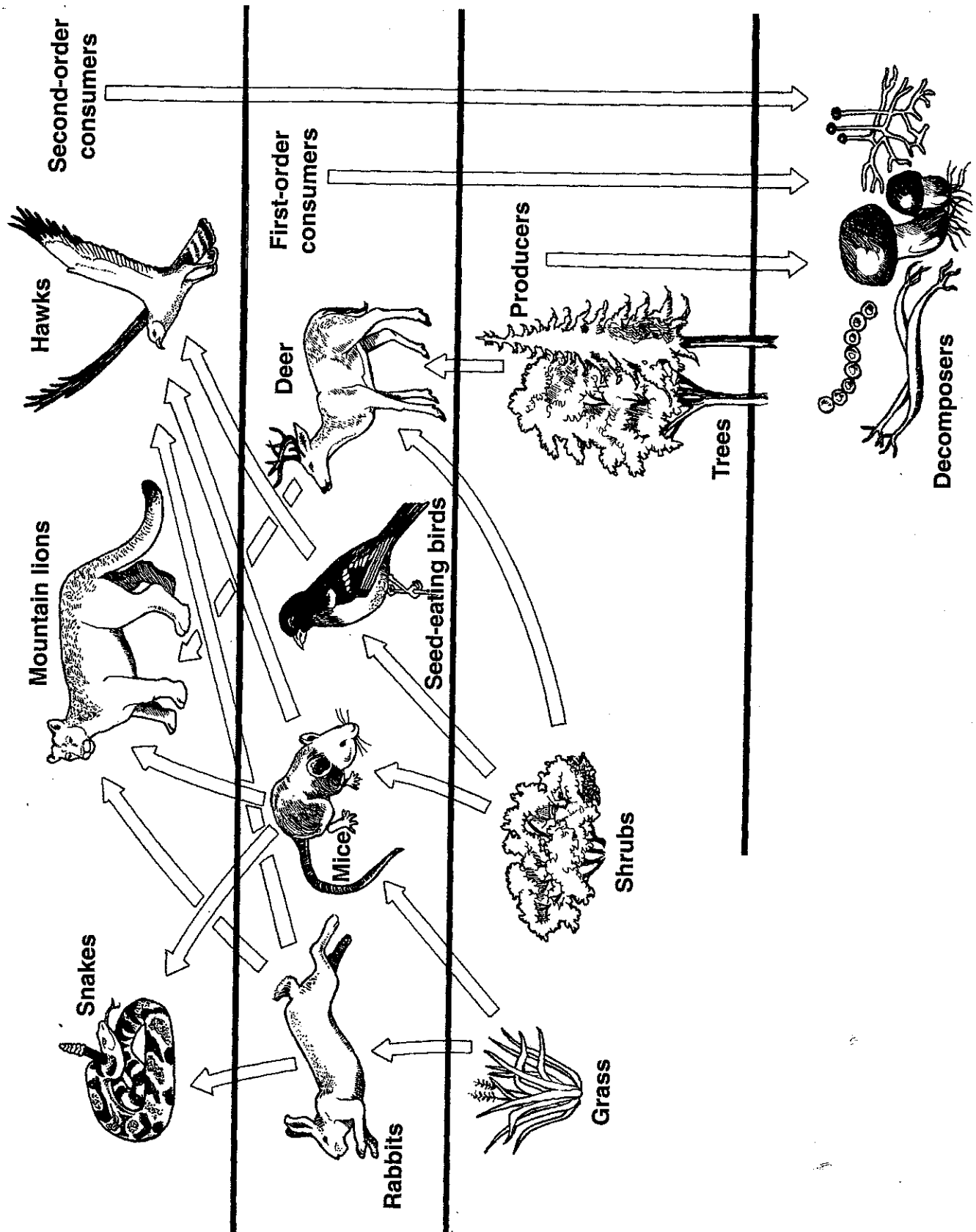


## TRANSPARENCY

## 3

## A FOOD WEB



**TRANSPARENCY 3 A FOOD WEB****USE WITH CHAPTER 3, SECTION 3.2**

1. At which level of the food web is the supply of energy at its maximum? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. Which feeding relationship do first-order consumers have in common? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Which feeding relationship do second-order consumers have in common? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Explain why plants are called producers. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Food webs and food chains both involve multiple trophic levels. How do they differ? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Use the transparency to describe a food chain that includes a mountain lion and a shrub. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. How might the organisms pictured in the food web be affected if most of the mouse population was destroyed by disease? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_